BTEC Assignment Brief

Qualification	Pearson International Level 3 Subsidiary Diploma in Land-based Studies Pearson International Level 3 Foundation Diploma in Horticulture Pearson International Level 3 Diploma in Horticulture Pearson International Level 3 Extended Diploma in Horticulture
Unit number and title	Unit 28: Routine Plant Management
Learning aim	**A:** Understand planting and growing requirements to support the healthy growth of plants
Assignment title	Assignment 1: Understand Planting and Growing Requirements of Plants
Assessor	
Issue date	
Hand in deadline	

Vocational Scenario or Context	You have gained a place as an apprentice at "Growmore Garden Centre" a large Garden Centre selling a range of plants to members of the public. Although there are planting guides produced by suppliers, your manager has tasked you with producing a "Growmore Guide to Growing Plants". If approved, your guide will be offered free to every customer buying plants from the garden centre. Your guide must contain basic information on establishing and growing plants. It must also provide more detailed explanations for customers who would like more information to help them make informed decisions about the plants they buy.
Task 1	For **Task 1** you must prepare a booklet for use by customers that identifies and fully explains the links between the factors that can affect both plant establishment and healthy growth. These factors will include: • Type of plant, for example, biennials, perennials, grasses • Growing medium • Variation in temperature, rainfall, light • Plant spacing and depth To do this you must show that you can: • Demonstrate a comprehensive knowledge and understanding of the factors affecting plant establishment and growth • Show how these factors affect the development of healthy plants, identifying and explaining why some factors may be more important than others • Show how these factors may change according to the growth phase of the plants, for example, sowing, pricking out and transplanting • Explain how correct techniques can promote the establishment and development of healthy plants, for example, spacing and depth of planting. You must include a range of plants in your booklet drawing

	on your knowledge of annuals, biennials, perennials, turf and ornamental grasses.
Checklist of evidence required	A guide to establishing and growing plants
Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria you must show that you are able to:
A.D1	Analyse the requirements for the establishment and growth of plants, and show how this has a direct effect on successful plant husbandry.
A.M1	Assess the requirements for planning and growing healthy plants, and the factors that affect their establishment and growth
A.P1	Explain the basic requirements to support the healthy growth of plants
A.P2	Explain the different factors that can affect the establishment and growth of plants.

Sources of information to support you with this Assignment	**Books** The "Expert" series is a well-known range of books by Dr DG Hessayon; publisher Expert. There are over twenty different titles including: • The Bedding Plant Expert, ISBN-13: 978-0903505451 • The Greenhouse Expert, ISBN-13: 978-0903505406 • The Flower Expert, ISBN-13: 978-0903505529 • The Pest and Weed Expert, ISBN-13: 978-0903505628 • The Vegetable and Herb Expert, ISBN-13: 978-0903505468 The Royal Horticultural Society (RHS) also produce a series of books: • Hodge, G. RHS Botany for Gardeners: The Art and Science of Gardening Explained & Explored; Mitchell Beazley; 2013; ISBN-13: 978-1845338336 • MB; RHS Latin for Gardeners: Over 3,000 Plant Names Explained and Explored; Mitchell Beazley; 2012; ISBN-13: 978-1845337315 • Adams, C; Early, M; Brook, J; Bamford, K; Principles of Horticulture: Level 3; Routledge; 2014; ISBN-13: 978-0415859097 **Magazines** Horticulture Week; BBC Gardeners' World